

CURRENT INDUSTRIAL REPORTS SERIES

2010

MA334T — METERS AND TEST DEVICES

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of this survey

This survey covers the manufacture of meters and test devices and related products.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms. If you prefer reporting on a domestic consolidated basis, please call the contact shown on the report form.

a. Value of Shipments

The figures on value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

Report value of shipments in thousands of dollars.

Include:

- All shipments, whether for domestic use or for export
- Shipments on consignments as well as for sale
- Interplant transfers in which products are shipped from one plant of your company to another plant or sales branch
- Private brand units as well as your own company brand units

Exclude:

- Products manufactured for you by others
- Products bought and resold without further manufacture by your company
- Imports which are reshipped without further domestic manufacture

b. Research and Development

Dollar shipments should reflect income from development, design, and engineering services performed by the reporting plant in connection with the manufacture of the products shipped, whether included in a single production contract, or contracted for separately, but intended as preparation for the manufacture of the specific products.

c. Columnar structure of report

When entering your figures on the report, please be sure to report the information in the correct columns as follows:

Column 1 – Value (report shipments in thousand of dollars. (Example: \$1,000,000, report as \$1,000)

3. Definitions

The product detail for this survey, as shown in the Reference List is defined according to standard nomenclature for this industry.

4. Remarks

Your comments are very important to us. If you have anything to say in regards to this survey or feel the need to explain any reported data, please do so in the remarks section. Make sure you write as legibly as the remarks sections is very small. Thank you.

CURRENT INDUSTRIAL REPORTS SERIES

5. Comparability

Data reported in this survey should correspond to data reported in the Annual Survey of Manufacturers form. The sum of values for item codes shown in column (a) should correspond to dollar values reported under product codes indicated in column (b) below.

| Current Industrial Reports (Form MA334T) Item codes (a) | Annual Survey of Manufactures Product class codes (b) |
|--|--|
| 5408 through 5425 | 3345141 |
| 5511 through 5515 | 3345143 |
| 5611 through 5631 | 3345151 |
| 5704 through 5849 | 3345154 |
| 6017 through 6057 | 3345155 |
| 6201 through 6216 | 3345194 |
| 7005 through 7039 | 3345195 |
| 7205 through 7220 | 3345197 |

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST

| FORM MA334T | | |
|--------------------|-------------|---|
| Product code | Item code | Item Description |
| | | INTEGRATING AND TOTALIZING METERS FOR GAS AND LIQUIDS |
| 3345141108 | 5408 | Gas meters, consumption registering |
| 3345141116 | 5421 | Liquid meters, positive displacement with registers and counters |
| 3345141119 | 5425 | Parts, components, and accessories for gas and liquid meters |
| 3345141 | 5429 | Total integrating and totalizing meters for gas and liquids (<i>sum of item codes 5408–5425</i>) |
| | | COUNTING DEVICES |
| 3345143104 | 5511 | Mechanical, electrical, and electronic input counting devices |
| 3345143108 | 5515 | All other counting devices, including parts (toll meters, fare collection equipment systems, parking lot systems, taximeters, parking meters, etc.) |
| 3345143 | 5529 | Total counting devices (<i>sum of item codes 5511 and 5515</i>) |
| | | INTEGRATING INSTRUMENTS, ELECTRICAL |
| 3345151104 | 5611 | A.C. watt meters |
| 3345151105 | 5621 | Demand meters |
| 3345151107 | 5625 | Other electrical integrating meters |
| 3345151109 | 5631 | Parts and accessories for integrating meters |
| 3345151 | 5639 | Total integrating instruments, electrical (<i>sum of item codes 5611–5631</i>) |
| | | TEST EQUIPMENT FOR TESTING ELECTRICAL RADIO AND COMMUNICATION CIRCUITS AND MOTORS |
| 3345154102 | 5704 | Voltage, current, and resistance measuring equipment |
| 3345154111 | 5711 | Multimeters |
| 3345154114 | 5714 | Power and energy measuring equipment |
| 3345154126 | 5729 | Waveform measuring and/or analyzing equipment |
| 3345154136 | 5739 | Signal generating equipment |
| 3345154141 | 5748 | Field strength and intensity measuring equipment |
| 3345154149 | 5759 | Automatic test and measuring equipment: Combination and/or group test sets Component part test sets: Semiconductor component test equipment: |
| 3345154153 | 5762 | Memory |
| 3345154157 | 5764 | Microprocessor |
| 3345154159 | 5765 | Other semiconductor component test equipment |
| 3345154161 | 5766 | Loaded circuit board test equipment |
| 3345154163 | 5767 | Other component part test sets and equipment |
| 3345154165 | 5769 | Equipment and subassembly test equipment |
| 3345154168 | 5775 | Standards and calibration equipment |

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST—Continued

| FORM MA334T | | |
|----------------|-------------|---|
| Product code | Item code | Item Description |
| | | TEST EQUIPMENT FOR TESTING ELECTRICAL RADIO AND COMMUNICATION CIRCUITS AND MOTORS—Continued |
| 3345154175 | 5782 | Communications test equipment |
| 3345154179 | 5784 | Network analyzers |
| 3345154183 | 5786 | Fiber optics |
| 3345154185 | 5787 | Microwave |
| | | Other communications test equipment |
| 3345154196 | 5817 | Other test equipment |
| 3345154197 | 5849 | Parts and components for test equipment |
| 3345154 | 5899 | Total test equipment for testing electrical radio and communication circuits and motors (<i>sum of item codes 5704–5849</i>) |
| | | OTHER INSTRUMENTS TO MEASURE ELECTRICITY |
| 3345155114 | 6017 | Electrical indicating instruments: panel type |
| 3345155121 | 6024 | Electrical indicating instruments: portable |
| 3345155124 | 6036 | Electrical recording instruments |
| 3345155127 | 6037 | Other instruments to measure electricity |
| 3345155135 | 6057 | Parts and accessories for indicating and recording instruments |
| 3345155 | 6059 | Total other instruments to measure electricity (<i>sum of item codes 6017–6057</i>) |
| | | PHYSICAL PROPERTIES TESTING AND INSPECTION EQUIPMENT AND KINEMATIC TESTING AND MEASURING EQUIPMENT |
| 3345194101 | 6201 | Physical properties testing equipment, including hardness, tensile, stress, strain, abrasion, strength, torsion, wear, and similar testing equipment: |
| 3345194104 | 6204 | For testing of metals |
| | | Other, including parts |
| 3345194107 | 6207 | Physical properties inspection equipment, including flaw detection, thickness measuring, and similar inspection equipment: |
| 3345194109 | 6210 | For testing of metals |
| 3345194112 | 6215 | Measuring and checking flow of fluids |
| | | Other, including parts |
| 3345194116 | 6216 | Kinematic testing and measuring equipment, including parts (including vibration, acceleration, and other motion testing equipment) |
| 3345194 | 6229 | Total physical properties testing and inspection equipment and kinematic testing and measuring equipment (<i>sum of item codes 6201–6216</i>) |

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST—Continued

| FORM MA334T | | |
|---|-------------|---|
| Product code | Item code | Item Description |
| NUCLEAR RADIATION DETECTION AND MONITORING INSTRUMENTS | | |
| 3345195105 | 7005 | Nuclear monitoring instruments (include environment, personal dosimetry, and medical monitors) |
| 3345195125 | 7035 | Nuclear instrument modules |
| 3345195126 | 7036 | Radiation detecting elements, nuclear power supplies, and measuring and control devices that use beta, gamma, or neutron gauge technology |
| 3345195127 | 7037 | Other nuclear radiation detection and monitoring instruments |
| 3345195129 | 7039 | Parts and components for nuclear radiation and detection and monitoring instruments |
| 3345195 | 7049 | Total nuclear radiation detection and monitoring instruments (<i>sum of item codes 7005–7039</i>) |
| COMMERCIAL, GEOPHYSICAL, METEOROLOGICAL, AND GENERAL PURPOSE INSTRUMENTS AND EQUIPMENT | | |
| 3345197119 | 7205 | Thermometers (all kinds) |
| 3345197124 | 7210 | Meteorological electronics equipment and instruments |
| 3345197127 | 7215 | Seismic instruments |
| 3345197135 | 7220 | All other instruments not listed above, including compasses, altimeters, humidity indicating and recording instruments, environmental gas detectors, air sampling instruments, dynamometers, etc. |
| 3345197 | 7297 | Total commercial, geophysical, meteorological, and general purpose instruments and equipment (<i>sum of item codes 7205–7220</i>) |
| SELECTED NONMANUFACTURING REVENUES | | |
| 9999998900 | 9945 | Resales—Sales of products bought and sold without further manufacture, processing, or assembly |
| 9999998041 | 9970 | Receipts for research and development work |
| REMARKS: | | |